

Figure 1

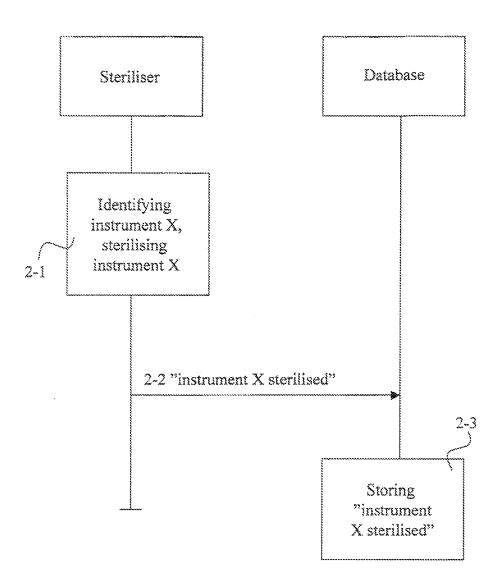


Figure 2

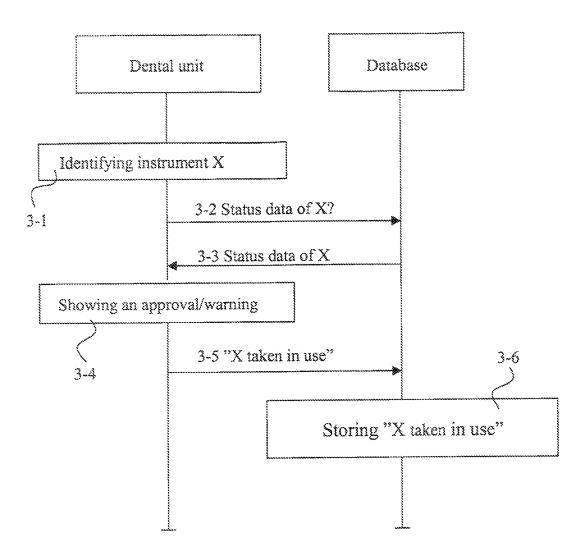
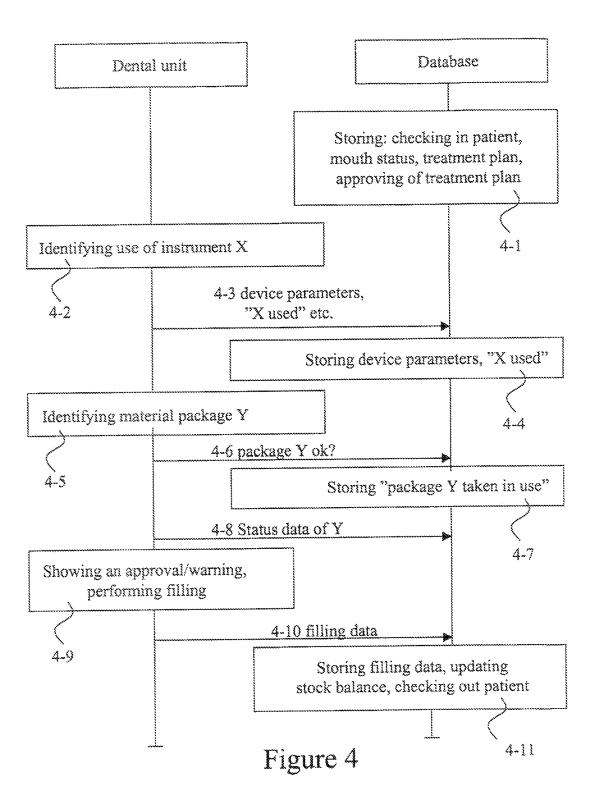


Figure 3



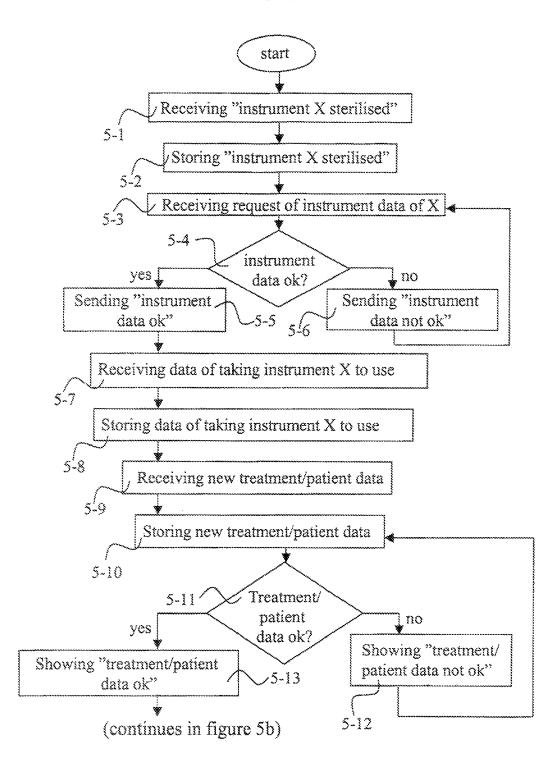


Figure 5a

## (continues from figure 5a)

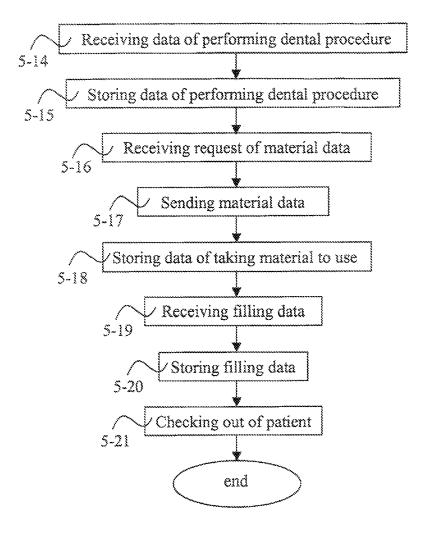


Figure 5b

7/8 Message to data system "Patient P was treated by instrument X" Entering data "Treatment of patient P started at the point of time T2" in database Message to data system "Instrument X taken in use" Entering "Instrument X taken in use at the point of time T1" in database Entering data of informing patient and treatment plan in database Entering data "X sterilised at the point of time TO" in database Possible warning of being unsterilised Reading history of instrument X Stock control Identifies use of instrument X Identification of instrument X Entering updated mouth status in database Entering treatment plan in database Dental unit Message to data system "X sterilised" Informs patient and receives approval of plan Data system Identification of instrument X Draws up and registers treatment plan Surveys and registers mouth status Sterilisation operation Checking in of patient P Steriliser Removes caries instrument X to dental unit Instrument X to steriliser Instrument X to storage Hygienist Dentist

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Figure 6a

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Entering data "Patient P was treated by instrument X" in data system

	Hygienist Denti	ist	Steriliser	Data system	Dental unit	Hygienist Dentist Steriliser Data system Dental unit Stock control	
3							
	Fetching material package Y	ह्य वि	ckage Y				
	aran				Identifying package Y	~	
	Waaaa				Message to data si	Message to data system "Package Y taken to use."	
					Reading data of pa	Reading data of package Y from data system	
	onomo				Possible warning o	Possible warning of out-of-date material	
	nanssa				Possible automatic	Possible automatic setting of instrument parameters	
	nonnar.				•		
	Uses	s light	Jses light-curing instrument				
	***********				Message to data s	Message to data system "Package Y used"	
_	<b>99</b> 20000000			Entering "Tooth H of p.	atient P filled with n	Entering "Tooth H of patient P filled with material from package Y" in database	
	20000000			Message to stock control "Material Y used"	rol "Material Y used	3	
	<b>00000</b>					Updating stock balance	
	00000000					Possible automatic order	
		\$ \$	r promanagers	Contains anything the properties of the properties of the feel			
. ~		9 2 0	annon permisson	and algue control digners) Entering data of treatment event and the charature in database	, nant event and its si	dashirs in database	
	***************************************			many in man Rollmon	C CH PH CH 10040 1000	grande a calabase	
- 22	Chec	cking	Checking out of patient P				
0.00	escossa	i		Entering data "Treatme	ent of patient P end	Entering data "Treatment of patient P ended at the point of time T3" in database	
	abasansa:						

Figure 6t